Daily Diary Report by Bid Item

Contract No.: **04-0120F4**
Diary #: **024** **Const Calendar Day:** 525 **Date:** **15-Feb-2011** **Tuesday**
Inspector Name: **Wright, Doug** **Title:** **Transportation Engineer**
Inspection Type: Continuous
Shift Hours: 07:00 AM 05:30 PM **Break:** 00:30 **Over Time:** 02:00
Federal ID:
Location:
Reviewer: **Soheilifard, Saman** **Approved Date:** 10-Mar-11 **Status:** Approved

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature	**7 AM**	**12 PM**	**4PM**
Precipitation		**Condition**	

Working Day ☑ If no, explain:

Diary: Dispute ☐

Tower Bolting

Strut bolting at Elevation 65m:
Tensioning of 30mm A490M strut bolts at Elevation 65m continued today at the following locations:
- Inside the East shaft, the end bolts on struts E-South, A-East-Inner, & A-East-Outer
- Inside the South shaft, the end bolts on struts E-South, A-West-Inner, & A-West-Outer
- The web bolts on strut E-North & E-South
- The web bolts on strut A-East-Inner
- The web bolts on strut A-East-Outer (see note below)

Witnessing of torque verification:
The following locations were torque tested today:
- The web bolts on strut E-North (10% tested)
- The web bolts on strut E-South (100% tested after some rejected bolts, see note below)

Note on torque testing of strut E-South web bolts: Before testing this location, a visual inspection showed that there may be an issue as 7 bolts did not have the required 1/2 turn. I asked them to first touch them up to 1/2 turn prior to verification. However, the bolts would not turn any more with the impact gun. These 7 bolts were rejected as over-tensioned, and replacement bolts were snugged and tensioned. After this, we tested 100% of the bolts in these connections. They all achieved minimum torque.

Note on bolting of web bolts on strut A-East-Outer: There was an issue with the procedure during the bolting of the web bolts on strut A-East-Outer adjacent to the East shaft. When I checked on this connection, the ironworkers had 3 bolts at random locations tensioned at 1/2 turn. On 2 other bolts, they were only tensioned about 1/3 turn, and they could not be turned any more. Also, about 10 of the bolts were completely loose, and not even close to snug tight. I stopped the crew from doing any more work at this location, and talked with the foreman and the ABF Engineer Dan McNichol. They went to try to straighten out the crew, and then we talked later. One problem was that the plies were not brought into contact prior to snug tightening. Another problem was that some bolts were over-snugged. The solution was that the tensioned bolts were rejected, and they started the bolting of this connection again from the beginning.

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Submittal review: I continued the review of ABF-SUB-2170, the Electroslag welding plan.
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04-0120F4 **Bid Item: 053** **T-L02-STW.053** **Tower Lift 02 Strut West Erect structural steel (bridge tower)**
AMERICAN BRIDGE/FLUOR, A JV

Labor

Daily Diary Report by Bid Item

Job Name: 04-0120F4 **Inspector Name:** Wright, Doug **Diary #:** 024 **Date:** 15-Feb-2011 Tuesday

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor:	AMERICAN BRIDGE/FLUOR, A JV							
Ironworker	APP	Lorenzo Padilla	8.00	0.00	0.00	8.00		☐
Ironworker	JNM	John Chapman	8.00	0.00	0.00	8.00		☐
Ironworker	APP	Wu	8.00	0.00	0.00	8.00		☐
Ironworker	APP	Tan	8.00	0.00	0.00	8.00		☐
Ironworker	JNM	Matthew Greer	8.00	0.00	0.00	8.00		☐
Ironworker	FOR	KEVIN KARBER	8.00	0.00	0.00	8.00		☐